

ABSTRACT

Disclosed is ~~A~~ a laser-transmissible resin composition for laser welding ~~comprises~~ having 100 parts by weight of a thermoplastic resin, and 0.01 to 3 parts by weight of titanium oxide that has a density of at least 4 g/cm³ and an average particle size of 100 to 400 nm; and the resin composition ~~exhibiting~~ exhibits a whitish hue of white, gray or tint color. ~~A~~ Also disclosed is a method for laser welding ~~comprises~~ that includes piling a resin workpiece 2 ~~being~~ that is at least partly capable of ~~the~~ laser-absorption onto a laser-transmissible resin workpiece 1 ~~that is~~ is molded out of the laser-transmissible resin composition, and irradiating a laser beam 3 ~~thereto~~ to weld thermally.